

Terrace Water Company
DWR Water-Energy Grant Application
Attachment 4 - Budget
Note: No cost sharing is proposed as part of this project.

WORK PLAN TASKS	PERSONNEL HOURS							Direct Costs	Totals (\$)
	Proj Mgr.	Proj. Eng.	QA/ QC	Res Insp.	Surv Mgr	Asst Surv	2-man Srvy		
Estimated Charge Rates	182	137	115	128	180	120	240		
Personnel Services									\$ -
Land/Easement Application									\$ -
Grantee Expenses									
Task 1C - Labor Compliance Document									
Labor Compliance Document								\$2,000	\$ 2,000
Task Total									\$ 2,000
Task 4A - Regulatory Review									
Review Submittal Fees								\$2,000	\$ 2,000
Task Total									\$ 2,000
Task 4B - Required Permits									
Encroachment Permit								\$500	\$ 500
Excavation Permit								\$750	\$ 750
Traffic Control Permit								\$750	\$ 750
Task Total									\$ 2,000
Equipment									\$ -
Professional and Consultant Services									
Task 1A - DWR Grant Application									
Preparation of Materials for Grant Application								\$4,200	\$ 4,200
Task Total									\$ 4,200
Task 1A - Project Administration									
Meetings	16	16							\$ 5,104
Coordination with DWR staff	8	20							\$ 4,196
Prepare Progress Reports	3	6							\$ 1,368
Task Total									\$ 10,668
Task 2A - Leak Detection Survey									
American Leak Detection Survey/Report								\$3,900	\$ 3,900
Task Total									\$ 3,900
Task 2B - Utility Potholing									
Utility Potholing								\$10,000	\$ 10,000
Task Total									\$ 10,000
Task 2C - Field Topographic Survey & ROW Mapping									
Control/Research					2		2		\$ 840
Field Topographic Survey					4		16	\$180	\$ 4,740
Mapping Survey					2	10			\$ 1,560
Engineering Coordination with Survey	1	2							\$ 456
Task Total									\$ 7,596
Task 2D - Enginerring Design									
50% Design Drawings	4	40	3						\$ 6,553
95% Design Drawings	2	20	2						\$ 3,334
100% Design Drawings	1	10	2						\$ 1,782
50% Specifications	8	16	2						\$ 3,878
95% Specifications	4	8	2						\$ 2,054
100% Specifications	2	2	2						\$ 868
Prepare Contract Specifications	4	2							\$ 1,002
Task Total									\$ 19,471
Task 2E - Construction Cost Estimates									
50% Design Cost Estimate	2	4	1						\$ 1,027
95% Design Cost Estimate	1	3							\$ 593
Task Total									\$ 1,620
Task 3A - CEQA Notice of Exemption									
Prepare & Submit Notice of Exemption	2	4	1						\$ 1,027
Task Total									\$ 1,027
Task 5A - Preparation of Proposal Monitoring Plan									
Obtain Information for Required Metrics		12							\$ 1,644
Draft Proposal Monitoring Plan	4	12							\$ 2,372
Review Draft with DWR Staff	2	2							\$ 638
Final Proposal Monitoring Plan	2	8							\$ 1,460
Task Total									\$ 6,114
Task 6A - Bidding Services for Construction Contract									
Prepare for and Attend Pre-Bid Conference		4							\$ 548
Response to Bidders' Questions/Addenda		4							\$ 548
Review Bid Tabulations		2		2					\$ 530
PreConstruction Conference		3		6					\$ 1,179
Task Total									\$ 2,805

Task 6C - Construction Management									
Progress Meetings									
Biweekly Meetings with Contractor (2)	2			6					\$ 1,132
Monthly Reports									
Monthly Progress Reports to CSD (1)				2					\$ 256
Schedule Review									
Reviews of Contractor Schedule				8					\$ 1,024
Progress Payment Estimates									
Review Progress Payments				8					\$ 1,024
Submittals									
Log, Track, and Review Submittals	2	4		16					\$ 2,960
RFI/Plan Clarifications									
Receive and Respond to RFI	2	2		8					\$ 1,662
Change Orders									
Log and Coordinate Change Orders				6					\$ 768
Construction Inspection									
Tank Construction									
Inspection (50%: 20hrs/week for 4 wks)				80					\$ 10,240
Inspector Oversight & Management	16								
ODCs									
Vehicle (1 months @ \$250/mo)							\$250		\$ 250
Phone/Datacard (1 months @ \$130/mo)							\$130		\$ 130
Vehicle Fuel (1 months @ \$500/mo)							\$500		\$ 500
Final Inspection									
Final Walkthrough/Prepare Punch List				12					\$ 1,536
Process Final Payment				6					\$ 768
Provision of Files				8					\$ 1,024
Task Total									\$ 23,274
Construction and Implementation Costs									
Task 6B - Project Construction									
Refer to Construction Project Estimate							\$143,000		\$ 143,000
Task Total									\$ 143,000
TOTAL PROPOSED PROJECT BUDGET=									\$ 240,000